

CLAIMS

What is claimed is:

- 1 1. A method to process media data, comprising:
2 receiving a request for media data from a requestor;
3 compressing the media data with a custom pixel resolution based on
4 a connection rate of the requestor; and
5 streaming portions of a media player and the compressed media data
6 to the requestor at the connection rate.
- 1 2. The method of claim 1 wherein the compressing further includes
2 receiving the custom pixel resolution from the requestor in response to a
3 query issued to the requestor.
- 1 3. The method of claim 1 wherein the compressing and the streaming
2 further include compressing the media data and streaming the compressed
3 media data, wherein the media data is dynamically produced and
4 compressed from a live broadcast.
- 1 4. The method of claim 1 wherein the compressing further includes
2 decreasing the custom pixel resolution when the connection rate is lower
3 than a threshold.
- 1 5. The method of claim 1 wherein the compressing further includes
2 increasing the custom pixel resolution when the connection rate is higher
3 than a threshold.
- 1 6. The method of claim 1 further comprising encrypting the compressed
2 media data before streaming to the requestor.

1 7. The method of claim 6 wherein the encrypting further includes
2 permitting only the portions of the media player which is streamed with the
3 compressed and encrypted media data to know the decryption algorithm
4 necessary to play the media data for the requestor.

1 8. A media data server, comprising:
2 a data store having media data;
3 a media player; and
4 a streaming application to stream portions of the media data from the
5 data store to a requestor in a compressed format along with portions of the
6 media player, if the requestor does not have the media player, and wherein
7 the portions of the compressed media data are altered to achieve a custom
8 pixel resolution based on a connection rate associated with the requestor.

1 9. The media data server of claim 8 wherein the compressed media
2 data is also encrypted and the portions of the media player include the
3 decryption algorithm necessary to decrypt the portions of the media data.

1 10. The media data server of claim 8 wherein the media data server
2 interacts with the requestor to determine the connection rate.

1 11. The media data server of claim 8 wherein the media data is stored in
2 a single format and is not duplicated within the data store.

1 12. The media data server of claim 8 wherein the media data is captured
2 in the data store from a live broadcast and streamed from the data store to
3 streaming application for delivery to the requestor in a compressed format.

1 13. The media data server of claim 8 wherein the portions of the
2 compressed media data is also encrypted and the encryption technique is

3 customized to correspond with specific instances of the media player.

1 14. The media data server of claim 8 wherein the media data natively
2 resides within the data store in a compressed format.

1 15. A media data stream, residing in a computer-readable medium, the
2 data stream comprising:

3 portions of a media player having a unique decryption algorithm
4 customized to a requestor; and

5 compressed and encrypted media data, wherein the compressed
6 data is based a pixel resolution customized for a connection rate of the
7 requestor.

1 16. The media data stream of claim 15 wherein the media data stream is
2 generated by a media service in response to a request for media data from
3 the requestor.

1 17. The media data stream of claim 15 wherein the compressed and
2 encrypted media data requires the portions of the media player for play by
3 the requestor.

1 18. The media data stream of claim 15 further comprising restriction data
2 that defines conditions under which the requestor can retransfer the media
3 data stream for use by subsequent requestors, wherein the conditions are
4 enforced by the portions of the media player.

1 19. The media data stream of claim 15 wherein the compressed and
2 encrypted media data are acquired dynamically from a live broadcast of
3 media data.

1 20. The media data stream of claim 19 wherein the media data is

- 2 dynamically compressed and encrypted to form the compressed and
- 3 encrypted media data which is then dynamically streamed with the portions
- 4 of the media player to the requestor.